

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
 Data File : VV022479.D
 Acq On : 01 Oct 2021 21:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050355

Manual Integrations
 APPROVED

MMDadoda
 10/6/2021 2:24:16 PM

Quant Time: Oct 02 01:16:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 02 01:01:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	269920	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	254740	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	136821	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	83442	49.985	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.960%
7) Chloroethane-d5	1.568	69	65767	50.119	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.240%
11) 1,1-Dichloroethene-d2	2.108	63	167439	50.869	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.740%
21) 2-Butanone-d5	3.892	46	74461	81.034	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.030%
24) Chloroform-d	4.349	84	148994	48.851	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.700%
26) 1,2-Dichloroethane-d4	5.031	65	85048	48.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.140%
32) Benzene-d6	5.050	84	295968	50.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.300%
36) 1,2-Dichloropropane-d6	6.069	67	88620	48.779	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.560%
41) Toluene-d8	7.317	98	279583	51.647	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.300%
43) trans-1,3-Dichloroprop...	7.622	79	42688	49.662	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.320%
47) 2-Hexanone-d5	8.092	63	76344	101.440	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	123303	48.808	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.620%
66) 1,2-Dichlorobenzene-d4	11.625	152	111451	49.951	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	135750	50.288	ug/L	100
3) Chloromethane	1.240	50	127845	47.627	ug/L	99
5) Vinyl chloride	1.311	62	125822	49.450	ug/L	100
6) Bromomethane	1.523	94	84419	47.519	ug/L	100
8) Chloroethane	1.584	64	74821	48.215	ug/L	99
9) Trichlorofluoromethane	1.751	101	176191	50.416	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	100270	50.686	ug/L	98
12) 1,1-Dichloroethene	2.118	96	94890	50.327	ug/L	97
13) Acetone	2.185	43	79987m	68.910	ug/L	
14) Carbon disulfide	2.294	76	286242	50.257	ug/L	99
15) Methyl Acetate	2.433	43	91731	43.321	ug/L	99
16) Methylene chloride	2.507	84	107844	45.524	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	100424	48.519	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	303737	47.533	ug/L	99
19) 1,1-Dichloroethane	3.188	63	172511	47.105	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	104851	47.551	ug/L	100
22) 2-Butanone	3.976	43	125688m	82.236	ug/L	
23) Bromochloromethane	4.249	128	57258	47.265	ug/L	98
25) Chloroform	4.375	83	175926	47.738	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	124106	46.506	ug/L	97
29) Cyclohexane	4.677	56	154244	51.948	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	159162	50.017	ug/L	99
31) Carbon tetrachloride	4.825	117	142136	50.843	ug/L	97
33) Benzene	5.098	78	383540	48.762	ug/L	100
34) Trichloroethene	5.915	95	101802	49.570	ug/L	98
35) Methylcyclohexane	6.130	83	160631	51.584	ug/L	99
37) 1,2-Dichloropropane	6.172	63	95760	47.551	ug/L	99
38) Bromodichloromethane	6.510	83	126361	48.306	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	149062	49.218	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	269683	95.307	ug/L	98
42) Toluene	7.387	91	416700	50.293	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	145930	50.045	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	99510	47.735	ug/L	98
46) Tetrachloroethene	7.976	164	86164	50.117	ug/L	99
48) 2-Hexanone	8.140	43	209167	96.649	ug/L	98
49) Dibromochloromethane	8.246	129	111881	49.594	ug/L	100
50) 1,2-Dibromoethane	8.352	107	108434	48.312	ug/L	98
51) Chlorobenzene	8.883	112	269060	48.822	ug/L	99
52) Ethylbenzene	9.011	91	438361	50.835	ug/L	100
53) m,p-Xylene	9.140	106	173688	50.838	ug/L	99
54) o-Xylene	9.545	106	169296	50.861	ug/L	100
55) Styrene	9.561	104	291283	50.993	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	152488	47.328	ug/L	99
59) Bromoform	9.731	173	84198	49.768	ug/L	100
60) Isopropylbenzene	9.931	105	447802	51.442	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	120677	46.378	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	381763	52.086	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	384343	52.748	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	218164	49.399	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	221212	48.229	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	220341	48.820	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	33200	46.570	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	160853	49.018	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	146523	49.655	ug/L	99
71) Naphthalene	13.503	128	488742	50.299	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	151349	49.625	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

